

VIA E-Mail

RETURN RECEIPT REQUESTED

July 14, 2017

Ms. Beverley Carver
Department of Environmental Quality
Valley Regional Office
4411 Early Road
Harrisonburg, VA 22801

**RE: Dominion Bremo Power Station VA0004138
Weekly Discharge Monitoring and Site Activity Report**

Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of July 2 – July 8, 2017 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, or 505 during this period. In addition to the Weekly Compliance Sampling Summary, this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Gregory J. Searcy
Manager, Power Generation Operation & Maintenance (O&M)

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name:

Bremono Power Station

Sample Week: 7/2/17 - 7/8/17

Permit Number:

VA0004138

Report Due Date: July 14, 2017

Outfall Number:

504

Sample Date				07/02/2017	07/05/2017	07/07/2017
Analytical Report Date				7/12/2017¹	7/13/2017¹	07/13/2017
Parameter	Units	Permit QL	Daily Maximum Limitation	Result	Result	Result
Estimated Flow	MGD	-	-	0.766	0.477	0.508
pH	S.U.	NA	9.0	7.6	7.8	7.5
Total Suspended Solids	mg/L	1.0	100.0	< QL	< QL	< QL
Oil & Grease	mg/L	5.0	20.0	< QL	< QL	< QL
Antimony, Total Recoverable	ug/L	5.0	2,100	6.9	5.0	5.3
Arsenic, Total Recoverable	ug/L	5.0	530	< QL	6.1	8.4
Cadmium, Total Recoverable	ug/L	1.0	3.2	< QL	< QL	< QL
Chromium III, Total Recoverable	ug/L	5.0	220	< QL	< QL	< QL
Chromium VI, Total Recoverable	ug/L	5.0	34	< QL	< QL	< QL
Copper, Total Recoverable	ug/L	5.0	23	< QL	< QL	< QL
Lead, Total Recoverable	ug/L	5.0	35	< QL	< QL	< QL
Mercury, Total Recoverable	ug/L	0.1	2.8	< QL	< QL	< QL
Nickel, Total Recoverable	ug/L	5.0	57	9.0	10.2	8.3
Selenium, Total Recoverable	ug/L	5.0	18	< QL	< QL	< QL
Silver, Total Recoverable	ug/L	0.4	5.0	< QL	< QL	< QL
Thallium, Total Recoverable	ug/L	1.0	1.4	< QL	< QL	< QL
Zinc, Total Recoverable	ug/L	25	210	< QL	< QL	< QL
Chloride	mg/L	10	820	70.2	75.9	80.5
Ammonia-N	mg/L	0.20	14	< QL	< QL	< QL
Hardness	mg/L	NA	NL	363	359	319

Notes:

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. pH values are measured in the field.

Analytical results below the permit Quantification Level (QL) are to be reported as "<QL," as required in Section I.C.2 of the Permit

QL = Quantification Level

NA = Not Applicable

NL = No Limitation, monitoring required

ND = No Discharge during monitoring period

¹A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/wk" within four business days of taking the sample. The original analytical report for the 7/2/2017 sampling event was received on 7/7/2017. Due to a laboratory reporting error, a revised report was issued on 7/12/2017. The original analytical report for the 7/5/2017 sampling event was received on 7/10/2017. Due to a laboratory reporting error, a revised report was issued on 7/13/2017.

Dominion – Bremono Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 7/8/2017

- 3.68 MG Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002.
- 0.53 MG Stormwater Management Pond water was filtered and discharged via Outfall 002.
- No Metals Pond sediment dewatering water was pumped to the CSWTS.
- Removal of CCRs to an acceptable visual standard has been completed in the West Pond. Transfer of additional soil material may occur following issuance of a solid waste permit.

Ongoing Activities

- Transport of material from the East Pond to the North Pond.
- Pumping of Metals Pond sediment dewatering water to the CSWTS.
- Installation of wells and headers in the North and East Ponds.
- Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002.
- Discharge of CSWTS-treated water to Outfall 002.
- Confirmation of no discharge at Outfall 004.

Look Ahead

- Demolition of the concrete basin adjacent to the Outfall 004 concrete vault and the steel pipeline that ends at the concrete basin.
- Demolition of the Outfall 004 concrete vault, which contains the outfall's weir. Decommissioning of the weir will constitute retirement of the outfall.
- Sealing of the steel pipe that exits the Outfall 004 vault.
- Provide notification to DEQ within 7 days of Outfall 004 retirement in accordance with Condition I.G.20 of the VPDES permit. This notification will be made within 7 days of decommissioning the outfall weir as described above.